PROJECTED WORKS.—Advertisements have been issued for tenders by 18th inst., for the erection of two houses at Camden-town; and by 31st, for cast-iron pipes, sluice cocks, and other iron works for the Folkestone Water Works Company.

DAY, THE ARCHITECTURAL MODELLER.—There are few architects who are not acquainted with the admirable models made by Mr. Day. We are sorry to hear, that after struggling for some years to make a living by the practice of his art, he finds his efforts fruitless, and that he must either seek some other occupation or starve. It seems sad as well as surprising, that with the ability he has acquired in this particular path he should not be enabled to maintain himself by the exercise of it. Some of our readers may, perhaps, be disposed to aid him.

ST. MARYLEBONE BATHS AND WASH-HOUSES—LAYING THE FOUNDATION-STONE.—The foundation-stone of this institution has been laid. The building will adjoin the St. Marylebone County Court, and in architectural character is Italian. The design is that of Mr. C. Eales, and is to be carried out by Messrs. Haynes and Co., builders. The cost for the building is put down at 13,000*l*., to include all the fittings, which are adapted to 126 baths of different classes, and 86 washing-tubs.

PREMIATED DESIGN FOR LABOURERS' COTTAGES.—In reply to the offer of a premium of 10*l*. offered by a correspondent of the *Art-Journal* for the best design for a pair of labourers' cottages, twenty sets of drawings were submitted. From these five were selected, marked C. & A.; J. C. N.; J. M. McC.; Utility; and W. N. G. Ultimately the premium was awarded to the first of these, the work of Messrs. Curtis and Allason, of Trinity Church, Charing-cross. The selected design will be published in the *Art-Journal*. None of the designs displayed any great advance over others already published. The design marked "W. N. G." has some points of considerable merit: should the journal in question not engrave this we would willingly do so.

ST. OSMUND'S ROMAN CATHOLIC CHURCH, Salisbury, was opened on the 6th inst. The style is Early Decorated. The church consists of nave, chancel, and south aisle, having a chapel at east and tower at its west end. The latter is finished with a low broach spire, covered with tiles. The organ gallery is over the sacristy, at the south side of chancel, opening into the church in the chancel and east end of aisle. The altars, pulpit, and font are of stone, elaborately carved, the two former relieved by painting and gilding. The windows in chancel and Lady Chapel are all filled with stained glass, by Hardman, of Birmingham. Chancel and chapel are separated from the nave and aisle by oak screens, the former being surmounted by the Crucifixion, and Mary and John: the chancel roof is pannelled, and richly painted and gilt. The body of the church is filled with low open benches, of a simple but substantial character. The exterior of the church is built of flint, with stone quoins. Mr. Pugin is the architect; the flint and brick-work by Messrs. Crook, of Whiteparish; the stonework and plastering by Messrs. Lane, of Chilmark, and roofs and woodwork by Mr. Fisher. The accommodation is for 300, and the estimated cost between 2,000*l*. and 3,000*l*.

COMPLETION OF THE PARIS LOUVRE.—M. Visconti is, we believe, empowered to proceed with the completion of the Louvre. The Paris *Illustration* lately published a large number of the different plans which have been submitted for uniting the Tuileries and the Louvre, beginning from a very early period. It has been proposed to line the *Champs Elysées* with a row of statues on each side, commemorating the great men of France.

LIVERPOOL TIMBER TRADE.—The arrivals from America during September, are comprised in 32 vessels, 21,156 tons, against 38 vessels, 18,375 tons, in the corresponding month last year. So far the import is fully an average one, being in excess of both last year and the year before up to the same period. For St. John pine timber the price is well sustained, as also for Quebec. Spruce deals continue very much depressed. There is still considerable complaint of the want of country demand.

THE BEDFORDSHIRE ARCHÆOLOGICAL AND ARCHITECTURAL SOCIETY held their second public meeting at Bedford, on Tuesday week, the Hon. George Rice Trevor, M.P., a vice-president, in the chair; when various letters were read, and a circular, with queries by the council, on various points relative to the state of churches, was exhibited. Mr. French read a paper on Ancient Egypt, and Mr. C. L. Higgins exhibited several bricks from the pyramids, made of earth and straw. Mr. Inskip then read a paper on the archæology of Bedfordshire, and various antiquarian specimens were afterwards handed round.

THE CHURCH OF ST. ISAAC, AT ST. PETERSBURGH.—Mr. Anderson, known as the "Wizard of the North," gives in a sketch book which he has published the following rose-coloured notice of St. Isaac's Church, in the Russian capital, which has been fifty years in progress, and is still unfinished:—It has four fronts, each of which has its pediment supported by Corinthian pillars. The whole exterior of the church is of polished Finland granite, and each of the four fronts is formed of twenty-four pillars of the same material, red-coloured, and beautifully polished, the base and capital of the several pillars being bronze. On the entablature of every pediment is a bronze casting, illustrative of some portion of scripture history—the figures of which are twice the size of life. The entire structure is surmounted by a dome and minarets, which seem to rise up into the clouds, and the effect of the whole is grand and imposing. But if the outside of the building is rich and striking in appearance, what can one say of the interior? It is at once gorgeous and awe inspiring. The church on the inside is supported by one hundred and twenty-five pillars of malachite, a green stone of immense value: each column is twenty-five feet in height by three feet in circumference, with bases and capitals of solid gold, while the altars, which are covered with burnished gold, sparkle with thousands of diamonds.

SCULPTURE AND DRAWING IN WALES.—The Cymreigyddion have offered, amongst the prizes to be awarded at the next Eisteddfod, a premium of 70 guineas for the best model in plaster, illustrative of the Cambro-British history, from either of the following subjects:—"1. The escape of Gruffydd ap Cynan, from Chester, borne by Cynfrig Hir; 2. Blegwryd, Archdeacon of Llandaff, sitting with Hywel Dda and his Counsellors at Ty Gwyn a'r Dâf, preparing the code of laws known as 'Cyfreithiau Hywel Dda;' 3. The Death of Tewdric, King of Gwent, in the moment of victory over the Saxons at Mathern on the Wye; 4. Ifor Bach, after storming Caerdiff Castle, leading Robert Consul and other Norman prisoners to his mountain fortress, Castell Coch." This is the first prize, we are informed, ever offered by an institution of this character *for encouragement of native artists in sculpture*. A prize of ten guineas is offered "for the best cartoon of the subject of Brân Fendigaid (the blessed) introducing Christianity into Britain, accompanied by Ilid Sant, who preached the Gospel to the men of Glamorgan; Druids standing by the side of a Cromlech frowning at the new doctrine; the old king wearing the aurdorch and talaith."

A NOTE FOR AUCTIONEERS.—At Bolton county court, on Friday, the judge allowed a defendant to set off a claim which he had against a party who had sold his goods by auction, and a portion of which were bought by defendant. The action was brought by the auctioneer on the occasion. His Honour said though the auctioneer had a right to sue, he must do so subject to the claim of the defendant against the owner of the goods.

NEW PATENT IRON GIRDERS.—Mr. J. H. Porter, of Blackheath, engineer, has taken out a patent for girders, on a principle asserted to realise strength of form and substance with the least possible amount of metal, and greatly reduced cost. The patent consists in the application of corrugated iron—whether in curved or angular lines, and for parts of cylinders, or tubes, with compression lengthwise—to the formation of beams, girders, trusses, or supports, generally; and in the particular application of said iron,—with the corrugations both vertical and horizontal—to the rendering of floors of buildings fire-proof.

COMPETITION.—Plans and estimates are wanted from architects for a church at Halifax for 1,100 persons, at a cost not exceeding 4,500*l*. Premiums, 10*l*., 7*l*., and 5*l*., with other terms, as advertised.

LECTURES ON PERSPECTIVE.—The first of a course of lectures on "Perspective" was delivered at the Society of British Artists, by Mr. John Saddler, on Tuesday evening last (3rd inst.) The lecturer shewed that objects were viewed by the uninitiated in their abstract and not perspective form, and the necessity, therefore, of its study was insisted upon by a reference to the alteration of the circle, domes, &c., in perspective; "geometrical definitions; theory and practice of perspective explained; some observations upon the horizontal line and vanishing points, &c.; Problem 1, to draw a line in perspective; Problem 2, to draw a square in perspective; Problem 3, to draw a pavement in perspective—the application and importance of this problem to the historical painter." The second lecture, to be given on the 10th, will treat of "Problem 4, to draw a cube in perspective—its application; Problem 5, to draw a parallelopiped in perspective—its application; Problem 6, to draw a pyramid; Problem 7, to draw an octagon; Problem 8, to draw a row of houses; Problem 9, to draw a house with roof inclined to the horizon; to draw lines to a point which is out of limits of the picture."

CONDIE'S PATENT STEAM HAMMER.—An improvement on Mr. Nasmyth's hammer has been patented by Mr. Condie, and introduced at Mr. Dixon's iron works, at Govan, near Glasgow. It has a stroke of 3½ ft., with a weight of 41 cwt., and has been constantly at work, night and day, since March, and, including scrap furnaces, has kept, it is said, as many as fourteen puddling furnaces in full work during the whole of that time. The manager declares that "the tool will pay its own cost in the first year." The framework of this hammer, which is about 14 ft. high, is not very dissimilar to that of Mr. Nasmyth. Instead, however, of a cylinder standing upon the cross frame at the top of the two side bearers, a piston-rod descends from the head frame. This piston-rod is held by a ball and socket joint to the head frame-work, and the cylinder, to the lower end of which is attached the ram, moves up and down, supported by the side frames. The steam is fed into the cylinder down through the centre of the piston-rod. Mr. Condie's hammer is considered to be not liable to the same risk of breaking by concussion as that of Mr. Nasmyth's, and the cylinder and hammer (measuring together about 6½ ft., with grooves in each side), sliding on feathers on the side frames, move throughout almost without oscillation.

TENDERS

For the erection of the Birmingham Free Industrial Schools. Mr. M. C. W. Orford, architect.

Davis	£2,650
Bradshaw	2,636
Cresswell	2,490
Heathfield	2,465
Branson and Gwysher	2,400
Briggs	2,330
Wilson	2,250
Turner	2,178

For rebuilding a portion of a Villa, at Taplow, Berks. Mr. Richard Tress, architect.

Brown, College-hill	£2,996
Piper, Bishopsgate	2,650
Herd, Paddington (accepted)	2,325

TO CORRESPONDENTS.

"*Drying Rooms.*"—In reply to our correspondent who asks to know the best means of drying wood, a correspondent wishes us to remind him of the Patent Desiccating Company's process, which is said to render wood fit for use in a few days.

"*Bridgewater House.*"—Our arrangements do not permit us to comply with the request of "P." at this moment. The lines between the corridor and the principal staircase shew portion of the skylight over. The staircase is lighted wholly from the top. The fire-places in gallery are as the sun.

"*C. Z.*"—The profit (say 20 *per cent.*) is added to the cost.

"*B. W.*" (Bristol).—Apply to secretary of Society of Arts, John-street, Adelphi.

"*Delta.*"—Apply to the manufacturers themselves.

"*Side for the Arch.*"—For half a dozen suggestions on this subject we have not room.

"*R. S. D.*"—We cannot say anything of the invention in question.

"*Correspondent.*"—The duty is 5*s*. 10*d*. per thousand.

"*W. H.*"—Stone may be porous, yet very hard.

"*Received.*"—"J. P." "X. Y. Z.," "C. B.," "R. J. H." (thanks; we did without), "E. F.," "L. and B.," "Monsieur H. de G.," "W. H.," "W. J." (apply to Mr. Newlands, Liverpool), "W. S.," "W. H.," "Subscriber," London (the medals of the Institute are *not* confined to members), "J. B.," "J. C.," "T. F. and T." (Mr. White's address is 9, Lincoln's-Inn Fields), "S. W.," "W. T.," "Archi," "J. M." (the substance of letter to the Times appeared in BUILDER long ago), "S. S. S.," "C. E." (we have not time to call), "J. G." (a similar plan was suggested in THE BUILDER some time ago), "R. K." (trenches

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